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FC360 5.1
User Manual

Microlab Electronics Co.,Ltd.
Made in China

FineCone Speakers

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Before using, please read the manual carefully

Important Safety Instructions

Caution:
To reduce the risk of electric shock, do not dismantle the product and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel only.

Explanation of Graphical Symbols:

The lightning flash within an equilateral triangle is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to a person or persons.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNINGS:

1. Read Instructions - All the safety and operating instructions must be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be kept with the product for future reference.
3. Heed warnings - All warnings on the product and in the operating instructions should be adhered to.
4. Follow instructions - All operating and user instructions should be followed.
5. Installation - Install in accordance with the manufacturer's instructions.
6. Power sources - This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
7. Grounding or polarization - the product is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wide than the other). This plug will fit onto the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. When using an extension power-supply cord or a power-supply cord other than that supplied with the appliance, it should be fitted with the appropriate molded plugs and carry safety approval appropriate to the country of use.
8. Power cord protection - Power-supply cords should be routed so that they are not likely to be walked on, kinked or pinched by items placed on or against them, paying particular attention to cords from plugs, receptacles and the point where they exit from the appliance.
9. Overloading - Do not overload wall outlets, extension cords or multiple sockets, as this can result in a risk of fire or electric shock.
10. Ventilation - The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspapers, etc.
11. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products) including amplifiers that produce heat. No naked flame sources, such as lighted candles, should be placed on the apparatus.
12. Water and moisture - To reduce the risk of fire or electric shock, do not expose the product to train, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near waterfor example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
13. Object and Liquid Entry - Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
14. Cleaning - Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to damage the drive units.
15. Attachments - Do not use attachments not recommended by the product manufactures, as they may cause hazards.
16. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
17. Moving the product - A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
18. Unused periods - The power cord of the appliance should be unplugged from the outlet during lightning storms or when the apparatus is left unused for a long period of time.
19. Servicing - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Please remove the power plug form the main power source or wall power source when not in use. When plugged in to a power source, the system is in standby mode, so the power is not entirely cut off.
21. Replacement parts - When replacement parts are required, ensure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
22. Mains fuses - For continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
23. Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker may be damaged when a peak level section is suddenly played.
24. The only means of completely disconnecting the product from the power supply is by removing the power cord from the wall outlet or the product. The wall outlet or the power cord entry to the product must remain freely accessible at all times while the product is in use.
25. Try to install the product near a wall socket or extension cord and shall be easily accessible.
26. The highest environmental temperature suitable for this product is 40°C.

Introduction

5.1 speakers system with powerful amplifier for your home theater. Enjoy movie audio effects from the comfort of your own home with 5 satellites and a subwoofer. This system places these satellites around your room and creates a dynamic surround effects with your movie sound production.

Designed with separate amplifier unit for clearer sound. Standalone subwoofer for deeper bass. Comes with remote control for convenience.

Features

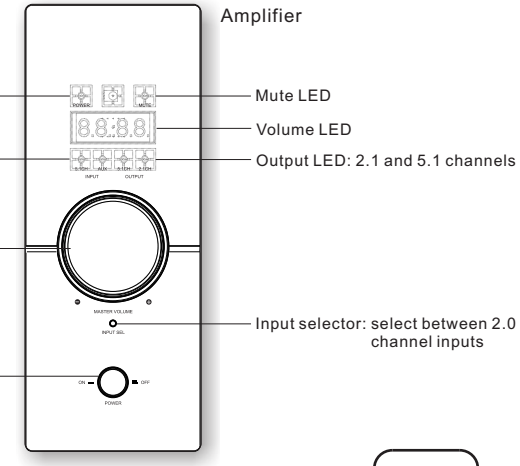
- Powerful home theater 5.1 surround subwoofer system with full range acoustic production and surround satellites
- 6.5" woofer together with bass reflex system for deep vocal and bass effects
- 5 satellites for movie surround effects
- Features 2 input options; stereo and 5.1 jacks
- All magnetically shielded for safe positioning near TV
- Standalone amplifier with full front controls and includes wireless remote control

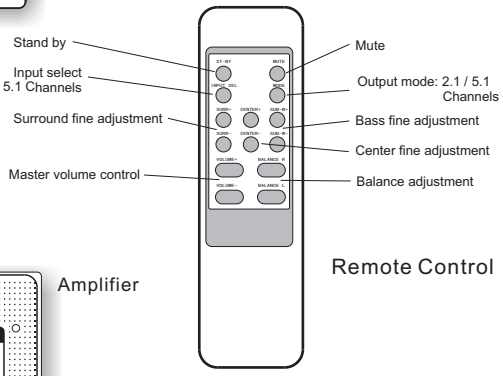
Package contents

FC360 5.1 subwoofer	1 pc
FC360 5.1 satellites	5 pcs
FC360 5.1 amplifier	1 pc
2RCA - 2RCA cable	3 pcs
3.5mm stereo - 2RCA cable	1 pc
Remote control	1 pc
User manual	1 pc

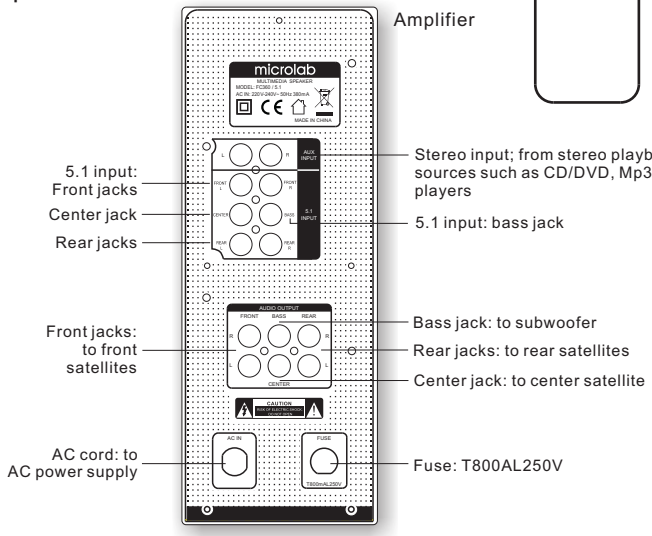
Illustrations

Front panel



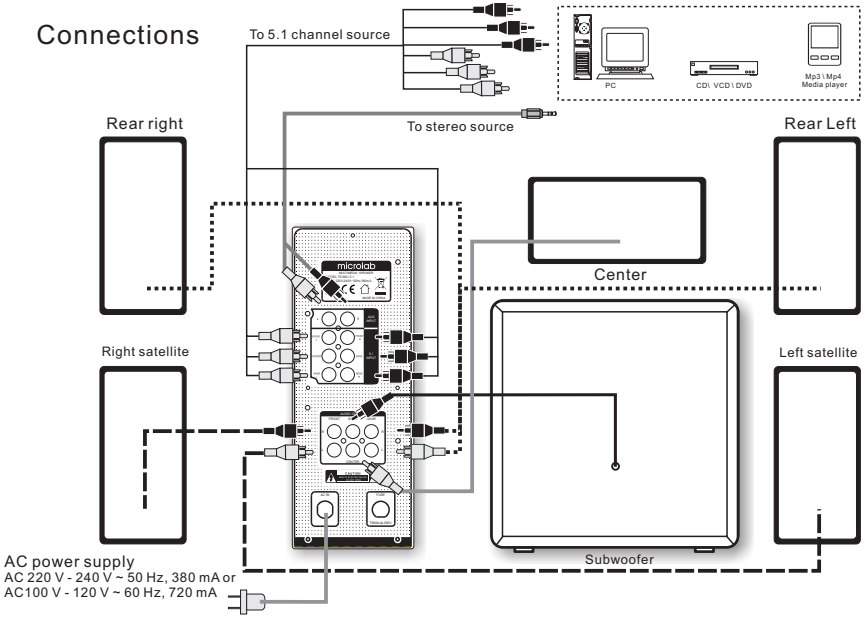


Rear panel



Connections and Operations

Connections



Connections

1. Connect the front satellites to the left and right RCA sockets.
2. Next connect the rear satellites to the surround left and right RCA sockets.
3. Connect the subwoofer to the SW input jack.
4. Place both front satellites on extreme sides and forward of the listening position. Place both surround satellites on the extreme sides and rear of the listening position.
5. Last place the subwoofer on the floor with its back close to a wall. Subwoofer produces low frequency sound thus it can be placed in any position relative to the listener.
6. Connect the playback device to the rear input RCA sockets of the amplifier with the included cables, or to the front 3.5mm stereo input jack.
7. The amplifier should be placed near a power source and near the playback device such as CD/DVD, Mp3/Mp4 player or TV.
8. Last, connect the AC power cable at the rear of the amplifier to the AC power supply source. Please ensure the AC power supply match the power requirement printed at the rear panel.

Operations

1. Ensure the master volume is set at the lowest level.
2. Turn on the main AC power and switch on the amplifier.
3. Start the playback device and song.
4. Slowly adjust the master volume to your preferred volume level and enjoy. This can be adjusted with the main master volume on the amplifier or remote control.
5. This system features 2 input types; stereo and 5.1 channels, and 2 output types; 2.1 and 5.1 channels. These options are available in the remote control. Create your own sound effects with these options according to the movie effects and room.

Operations (continue)

6. For sound effects option; the remote control features subwoofer bass level, and surround rear speakers level controls.
7. Left and right balance controls on the remote control allows you to fine adjust the optimum listening position
8. The Mute button on the remote control lets you interrupt the playback output on the entire speaker system.
9. The Standby button lets you put the speaker system on hold in between song playbacks. This is an energy savings feature that lets you save electricity power.

Note: it is advisable not to turn the volume too loud or to its extreme volume limit to avoid damage to the speaker driver material. Always adjust in slow increment. Do not block the ventilation of the amplifier during use.

Specifications

AMPLIFIER

Output power:	100 Watt RMS
Power distribution:	14 Watt x 5 + 30 Watt
Harmonic distortion:	< 0.3% 1 W 1 kHz
Frequency response:	30 Hz - 20 kHz
Signal/Noise ratio:	> 70 dB
Separation:	> 40 dB

SPEAKERS

Tweeter driver type:	2.5"
Tweeter rated power:	14 Watt
Bass driver type:	6.5"
Bass rated power:	30 Watt
Frequency range:	30 Hz - 20 kHz

INTERFACES

Output:	RCA sockets
Input:	RCA sockets

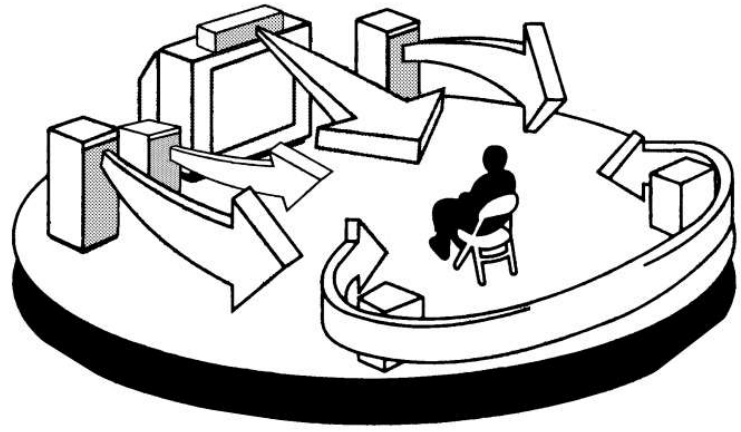
POWER

Power supply:	AC 220 V - 240 V ~ 50 Hz, 380 mA, or AC 100 V - 120 V ~ 60 Hz, 720 A
Fuse:	T800mAL250V

Frequently Asked Questions (FAQ)

	Solutions
No Sound	• Check if the audio source is working well • Check if the audio and speaker cables well connected • Check if the volume at right level
One or more satellite no sound	• Check if the satellite cable well connected, and ensure source connection is correctly inserted
Static sound heard when volume knob is turned	• Turn off the playback source first, then turn the speaker volume knob several times. Playback again and monitor. The static noise is due to dust, so simply turning the volume will remove it easily.
What are the products supported?	• Any playback devices such as PC, notebook, CD/DVD player, Media Players with 3.5mm stereo plug.
Sound is distorted	• Check if the source file is not corrupted, play a different song and test.
Where to place this speaker	• It is magnetically shielded so can be placed near LCD TV Monitor without any distortion
If the problem still exists, please contact the distributor or seek professional advice.	

Surround speakers room setup



Recommended listening positioning

- The end -

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